

WEST**End of Result S t**

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L1: Entry 13 of 13

File: DWPI

Sep 13, 1990

DERWENT-ACC-NO: 1990-324157

DERWENT-WEEK: 199746

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TITLE: Prepn. of vitamin=D series cpds. - in which vitamin=D cpds. hydroxylating Amycolata species actinomycetic cells is added to change hydrogen to hydroxyl gp.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

TAISHO PHARM CO LTD

TAIS

PRIORITY-DATA: 1989JP-0052609 (March 4, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 02231089 A	September 13, 1990		000	
JP 2663294 B2	October 15, 1997		007	C12P007/02

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 02231089A	March 4, 1989	1989JP-0052609	
JP 2663294B2	March 4, 1989	1989JP-0052609	
JP 2663294B2		JP 2231089	Previous Publ.

INT-CL (IPC): C12P 7/02; C12R 1/01; C12P 7/02; C12R 1/01

ABSTRACTED-PUB-NO: JP 02231089A

BASIC-ABSTRACT:

1alpha-hydroxy vitamin D series cpds. or 25-hydroxy vitamin D series cpds. Prepn. in which vitamin D series cpds. hydroxylating Amycolata sp. actinomycetic cells or its producing enzyme contg. soln., 1 alpha or 25th H atom having vitamin D series cpds. are added to change their H atom to OH gp. respectively.

USE/ADVANTAGE - Hydroxyl gp. can be introduced to 1alpha and/or 25th position of vitamin D series cpds. directly. Prepn. of microbe or reaction soln. are easy and the reaction can be proceeded in one step in

short time.

In an example, 50 ml of sterilised liq. medium A (glucose 1.5%, soy bean meal 1.5%, corn steep liquor 0.5%, NaCl 0.5%, CaCO₃ 0.2%, pH 7.0), one loop of *Amycolata saturnea* A-7983 strain was inoculated and shaking cultured at 28 deg.C for 48 hours. Each 2 ml of cultured soln. was inoculated 100 ml x 20 sterilised liq medium A respectively, and shaking cultured at 28 deg.C for 48 hours. To these, each 20 mg substrate vitamin D₃ and 0.2 ml between 80 dissolved 500 microl EtOH was added, and shaking cultured at 28 deg.C for 72 hours. After culture, cultured soln. was extracted by Blight and Dyer method, then treated by Sephadex LH-20 chromatography Silica gel (Kiesel gel 60 F254) thin layer chromatography and Silica gel column chromatography, 25-hydroxy vitamin D₃ (40 mg) was obtd.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PREPARATION VITAMIN=D SERIES COMPOUND VITAMIN=D COMPOUND
HYDROXYLATED SPECIES CELL ADD CHANGE HYDROGEN HYDROXYL GROUP

DERWENT-CLASS: B01 B05 D16 E15

CPI-CODES: B03-G; D05-C10; E10-E04F;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

G031 G036 G039 G060 G563 G640 H4 H402 H461 H481
H7 H720 H725 H8 M1 M126 M134 M210 M211 M240
M281 M311 M312 M315 M321 M332 M333 M341 M342 M344
M373 M391 M415 M510 M520 M530 M542 M720 M903 M904
M910 N131 N134 N512 Q233 V0 V340

Ring Index

01391

Specfic Compounds

02013P

Registry Numbers

1327U 0502U

Chemical Indexing M2 *03*

Fragmentation Code

G031 G037 G039 G060 G563 G640 H4 H402 H462 H7
H720 H725 H8 M1 M126 M134 M210 M211 M220 M222
M232 M240 M282 M311 M312 M321 M332 M341 M344 M415
M510 M520 M530 M542 M720 M903 N131 N134 N512 Q233
V0 V340

Ring Index

01391

Specfic Compounds

03581P

Registry Numbers

1327U 0502U

Chemical Indexing M3 *02*

Fragmentation Code

G031 G036 G039 G060 G563 G640 H4 H402 H461 H481
H7 H720 H725 H8 M1 M126 M134 M210 M211 M240
M281 M311 M312 M315 M321 M332 M333 M341 M342 M344
M373 M391 M415 M510 M520 M530 M542 M720 M903 M904
M910 N131 N134 N512 Q233
Ring Index
01391
Specfic Compounds
02013P
Registry Numbers
1327U 0502U

Chemical Indexing M3 *04*

Fragmentation Code
G031 G037 G039 G060 G563 G640 H4 H402 H462 H7
H720 H725 H8 M1 M126 M134 M210 M211 M220 M222
M232 M240 M282 M311 M312 M321 M332 M341 M344 M415
M510 M520 M530 M542 M720 M903 N131 N134 N512 Q233
Ring Index
01391
Specfic Compounds
03581P
Registry Numbers
1327U 0502U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0038U; 1278U ; 1706U ; 2013P ;
2013P

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-140461

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 13 returned.**☐ 1. Document ID: US 20010026915 A1

L1: Entry 1 of 13

File: PGPB

Oct 4, 2001

PGPUB-DOCUMENT-NUMBER: 20010026915

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010026915 A1

TITLE: Colorimetric glycopolythiophene biosensors

PUBLICATION-DATE: October 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Charych, Deborah J.	Albony	CA	US	
Myung-Gi-Baek	Ottawa		CA	

US-CL-CURRENT: 435/5, 422/55, 422/57, 422/58, 422/82.05, 422/82.09, 427/2.11, 428/441, 428/442, 435/164, 435/6, 435/7.1, 435/7.32, 436/518, 436/531

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6468759 B1

L1: Entry 2 of 13

File: USPT

Oct 22, 2002

US-PAT-NO: 6468759

DOCUMENT-IDENTIFIER: US 6468759 B1

TITLE: Direct colorimetric detection of biocatalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6306598 B1

L1: Entry 3 of 13

File: USPT

Oct 23, 2001

US-PAT-NO: 6306598

DOCUMENT-IDENTIFIER: US 6306598 B1

TITLE: Nucleic acid-coupled colorimetric analyte detectors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC
Draw Desc	Image										

☐ 4. Document ID: US 5874668 A

L1: Entry 4 of 13

File: USPT

Feb 23, 1999

US-PAT-NO: 5874668

DOCUMENT-IDENTIFIER: US 5874668 A

**** See image for Certificate of Correction ****

TITLE: Atomic force microscope for biological specimens

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC
Draw Desc	Image										

☐ 5. Document ID: US 5561045 A

L1: Entry 5 of 13

File: USPT

Oct 1, 1996

US-PAT-NO: 5561045

DOCUMENT-IDENTIFIER: US 5561045 A

TITLE: Detection reagent, article, and immunoassay method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC
Draw Desc	Image										

☐ 6. Document ID: US 5230998 A

L1: Entry 6 of 13

File: USPT

Jul 27, 1993

US-PAT-NO: 5230998

DOCUMENT-IDENTIFIER: US 5230998 A

TITLE: Method for the prescreening of drugs targeted to the V3 hypervariable loop of the HIV-1 envelope glycoprotein gp 120

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 7. Document ID: US 5177005 A

L1: Entry 7 of 13

File: USPT

Jan 5, 1993

US-PAT-NO: 5177005

DOCUMENT-IDENTIFIER: US 5177005 A

TITLE: Method for maintaining immobilized glucose isomerase activity during continuous isomerization of glucose to fructose

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 4619943 A

L1: Entry 8 of 13

File: USPT

Oct 28, 1986

US-PAT-NO: 4619943

DOCUMENT-IDENTIFIER: US 4619943 A

TITLE: Neolignans of Saururus cernuus L and analogues thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 4614714 A

L1: Entry 9 of 13

File: USPT

Sep 30, 1986

US-PAT-NO: 4614714

DOCUMENT-IDENTIFIER: US 4614714 A

TITLE: Use of novel L-glutamic acid oxidase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RPMC

☐ 10. Document ID: US 4338094 A

L1: Entry 10 of 13

File: USPT

Jul 6, 1982

US-PAT-NO: 4338094

DOCUMENT-IDENTIFIER: US 4338094 A

TITLE: Macroencapsulated immunosorbent assay technique

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RPMC

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Terms	Documents
(substrate\$ or support\$) same (mica or bentonite or layer\$ adj2 silica or vermiculite or montmorillonite or hectorite or flourohectorite or muscovite or phlogopite) same sephadex	13

Display Format:

-

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 13 of 13 returned.**☐ 11. Document ID: US 4280816 A

L1: Entry 11 of 13

File: USPT

Jul 28, 1981

US-PAT-NO: 4280816

DOCUMENT-IDENTIFIER: US 4280816 A

TITLE: Macroencapsulated immunosorbent assay technique and element therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

[KIMC](#)☐ 12. Document ID: US 4029756 A

L1: Entry 12 of 13

File: USPT

Jun 14, 1977

US-PAT-NO: 4029756

DOCUMENT-IDENTIFIER: US 4029756 A

**** See image for Certificate of Correction ****

TITLE: Serological procedure for determining presence of neisseria gonorrhoeae antibodies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

[KIMC](#)☐ 13. Document ID: JP 02231089 A JP 2663294 B2

L1: Entry 13 of 13

File: DWPI

Sep 13, 1990

DERWENT-ACC-NO: 1990-324157

DERWENT-WEEK: 199746

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Prepn. of vitamin=D series cpds. - in which vitamin=D cpds. hydroxylating Amycolata species actinomycetic cells is added to change hydrogen to hydroxyl gp.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

RMC

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Terms	Documents
(substrate\$ or support\$) same (mica or bentonite or layer\$ adj2 silica or vermiculite or montmorillonite or hectorite or flourohectorite or muscovite or phlogopite) same sephadex	13

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-

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WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
(lysine or histidine or his6 or PLL or arginine) same (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$)	3

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

S arch:

L6

[Refine Search](#)[Recall Text](#)[Clear](#)

Your wildcard search against 10000 terms has yielded the results below.

The next term would be: ;

TAG\$(TAGCCGTGGA).P66-P133,P134-P142,P61-P65,P57-P60,P35-P55,P56-P56.;
SILIC\$(SILICON-GRAPHIC).P66-P133,P134-P142,P61-P65,P57-P60,P35-P55,P56-P56.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search History

DATE: Tuesday, July 08, 2003 [Printable Copy](#) [Create Case](#)

<u>S</u> <u>t</u> <u>Name</u> <u>Query</u>	<u>Hit</u> <u>Count</u>	<u>S</u> <u>t</u> <u>Nam</u> result set
side by side		
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L6</u> (lysine or histidine or his6 or PLL or arginine) same (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$)	3	<u>L6</u>
<u>L5</u> (polylysine or polyhistidine or his6) adj3 (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$)	0	<u>L5</u>
<u>L4</u> (polylysine or polyhistidine or his6) adj3 (tag\$ or tail or flag\$) same (mica or bentonite or layer\$ adj2 silic\$)	0	<u>L4</u>
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>		
<u>L3</u> (polylysine or polyhistidine or his6) adj3 (tag\$ or tail\$) same (mica or bentonite or layer\$ adj2 silic\$)	0	<u>L3</u>
<u>L2</u> (polylysine or polyhistidine or his) adj3 (tag\$ or tail\$) and (mica or bentonite or layer\$ adj2 silic\$)	75	<u>L2</u>
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L1</u> (polylysine or polyhistidine or his) adj3 (tag\$ or tail\$) same (mica or bentonite or layer\$ adj2 silic\$)	0	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
(polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$)	26

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L9

[Refine Search](#)[Recall Text](#)[Clear](#)

Your wildcard search against 10000 terms has yielded the results below.

The next term would be: ;

TAG\$(TAGCCGTGGA).P66-P133,P134-P142,P61-P65,P57-P60,P35-P55,P56-P56.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search History

DATE: Tuesday, July 08, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Nam</u> result set
side by side			
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L9</u>	(polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$)	26	<u>L9</u>
<u>L8</u>	(lysine or histidine or his6 or PLL or arginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$)	72	<u>L8</u>
<u>L7</u>	(lysine or histidine or his6 or PLL or arginine) same (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$)	221	<u>L7</u>
<u>L6</u>	(lysine or histidine or his6 or PLL or arginine) same (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$)	3	<u>L6</u>
<u>L5</u>	(polylysine or polyhistidine or his6) adj3 (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$)	0	<u>L5</u>
<u>L4</u>	(polylysine or polyhistidine or his6) adj3 (tag\$ or tail or flag\$) same (mica or bentonite or layer\$ adj2 silic\$)	0	<u>L4</u>
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L3</u>	(polylysine or polyhistidine or his6) adj3 (tag\$ or tail\$) same (mica or bentonite or layer\$ adj2 silic\$)	0	<u>L3</u>
<u>L2</u>	(polylysine or polyhistidine or his) adj3 (tag\$ or tail\$) and (mica or bentonite or layer\$ adj2 silic\$)	75	<u>L2</u>
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L1</u>	(polylysine or polyhistidine or his) adj3 (tag\$ or tail\$) same (mica or bentonite or layer\$ adj2 silic\$)	0	<u>L1</u>

END OF SEARCH HISTORY

WEST

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

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Search Results - Record(s) 1 through 10 of 26 returned.

☐ 1. Document ID: US 20030099956 A1

L9: Entry 1 of 26

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030099956

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030099956 A1

TITLE: Recombinant DNA processes using a dNTP mixture containing modified nucleotides

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ward, Brian	St. Louis	MO	US	
Snyder, Leanne M.	St. Louis	MO	US	
Li, Chuan	St. Louis	MO	US	
Song, Keming	Ballwin	MO	US	
Opper, Kristen E.	Collinsville	IL	US	
Uder, Stephanie	Edwardsville	IL	US	
Hernan, Ron	St. Louis	MO	US	

US-CL-CURRENT: 435/6; 435/91.2, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 20030077679 A1

L9: Entry 2 of 26

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077679 A1

TITLE: Methods for finding modulators of DYRK3 and DYRK2

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Annan, Roland S.	King of Prussia	PA	US	
Burns, Brian M.	King of Prussia	PA	US	
Creasy, Caretha Lee	King of Prussia	PA	US	
Herold, Kathleen M.	King of Prussia	PA	US	

US-CL-CURRENT: 435/7.92; 435/21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC
Drawn Desc	Image										

☐ 3. Document ID: US 20020172985 A1

L9: Entry 3 of 26

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020172985

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020172985 A1

TITLE: Cassette for expressing a Toxoplasma gondii P30 protein

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jacobs, Eric	Dorlisheim		FR	
Silvestre, Nathalie	Strasbourg		FR	
Mougin, Bruno	Lyon		FR	
Bissardon, Odette	Lyon		FR	
Jolivet, Michel	Bron		FR	

US-CL-CURRENT: 435/7.22; 435/254.2; 435/320.1; 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 20020164667 A1

L9: Entry 4 of 26

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164667

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020164667 A1

TITLE: VEGFR-3 inhibitor materials and methods

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Alitalo, Kari	Helsinki		FI	
Koivunen, Erkki	Helsinki		FI	
Kubo, Hajime	Helsinki		FI	

US-CL-CURRENT: 435/7.23, 424/1.49, 514/44, 530/391.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 20020151680 A1

L9: Entry 5 of 26

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151680

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020151680 A1

TITLE: Materials and methods involving hybrid vascular endothelial growth factor DNAs and proteins

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Alitalo, Kari	Helsinki		FI	
Jeltsch, Markku Michael	Helsinki		FI	

US-CL-CURRENT: 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 20020143158 A1

L9: Entry 6 of 26

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020143158

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020143158 A1

TITLE: Novel method for purification of recombinant proteins

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Perry, Brian	Fremont	CA	US	
Nelson, Paul S.	Union City	CA	US	
Yang, Te-Tuan	Los Altos	CA	US	
Smith, Thomas H.	San Carlos	CA	US	

US-CL-CURRENT: 530/416; 530/417

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 20020086012 A1

L9: Entry 7 of 26

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086012

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020086012 A1

TITLE: COSTIMULATION OF T-CELL PROLIFERATION BY A CHIMERIC BISPECIFIC
COSTIMULATORY PROTEIN

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
WELS, WINFRIED	RODGAU		DE	
GERSTMAYER, BERNHARD	KOLN		DE	

US-CL-CURRENT: 424/134.1, 424/135.1, 424/136.1, 424/137.1, 424/138.1, 424/184.1, 424/192.1,
530/387.3, 530/387.5, 530/387.7, 530/388.22, 530/388.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KnowC
Draw Desc	Image									

☐ 8. Document ID: US 20020045193 A1

L9: Entry 8 of 26

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045193

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045193 A1

TITLE: Purification of recombinant proteins fused to multiple epitopes

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brizzard, Billy L.	St. Louis	MO	US	
Hernan, Ron	Ballwin	MO	US	

US-CL-CURRENT: 435/7.1, 530/388.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KnowC
Draw Desc	Image									

☐ 9. Document ID: US 20010055815 A1

L9: Entry 9 of 26

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010055815

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010055815 A1

TITLE: Constitutive androstane receptor

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Collins, Jon L.	Durham	NC	US	
Parks, Derek J.	Durham	NC	US	

US-CL-CURRENT: 436/518; 435/7.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 10. Document ID: US 6579686 B2

L9: Entry 10 of 26

File: USPT

Jun 17, 2003

US-PAT-NO: 6579686

DOCUMENT-IDENTIFIER: US 6579686 B2

TITLE: Constitutive androstane receptor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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Terms	Documents
(polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$)	26

Display Format:

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Search Results - Record(s) 11 through 20 of 26 returned.

☐ 11. Document ID: US 6570069 B1

L9: Entry 11 of 26

File: USPT

May 27, 2003

US-PAT-NO: 6570069

DOCUMENT-IDENTIFIER: US 6570069 B1

TITLE: Nucleic acids encoding plant inhibitors of apoptosis and transgenic cells and plants expressing them

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 12. Document ID: US 6528620 B1

L9: Entry 12 of 26

File: USPT

Mar 4, 2003

US-PAT-NO: 6528620

DOCUMENT-IDENTIFIER: US 6528620 B1

TITLE: Sid-polyamide fusions: a potent method of regulating gene expression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 13. Document ID: US 6379903 B1

L9: Entry 13 of 26

File: USPT

Apr 30, 2002

US-PAT-NO: 6379903

DOCUMENT-IDENTIFIER: US 6379903 B1

TITLE: Purification of recombinant proteins fused to multiple epitopes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 14. Document ID: US 6372443 B1

L9: Entry 14 of 26

File: USPT

Apr 16, 2002

US-PAT-NO: 6372443

DOCUMENT-IDENTIFIER: US 6372443 B1

TITLE: Cassette for expressing a toxoplasma gondii P30 protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 15. Document ID: US 6242581 B1

L9: Entry 15 of 26

File: USPT

Jun 5, 2001

US-PAT-NO: 6242581

DOCUMENT-IDENTIFIER: US 6242581 B1

**** See image for Certificate of Correction ****

TITLE: Method for purification of recombinant proteins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 16. Document ID: US 6183991 B1

L9: Entry 16 of 26

File: USPT

Feb 6, 2001

US-PAT-NO: 6183991

DOCUMENT-IDENTIFIER: US 6183991 B1

TITLE: Testis-specific insulin homolog polypeptides

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 17. Document ID: US 6183121 B1

L9: Entry 17 of 26

File: USPT

Feb 6, 2001

US-PAT-NO: 6183121

DOCUMENT-IDENTIFIER: US 6183121 B1

TITLE: Hepatitis C virus helicase crystals and coordinates that define helicase binding pockets

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 18. Document ID: US 6127162 A

L9: Entry 18 of 26

File: USPT

Oct 3, 2000

US-PAT-NO: 6127162

DOCUMENT-IDENTIFIER: US 6127162 A

TITLE: Human prohormone convertase 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 19. Document ID: US 6100041 A

L9: Entry 19 of 26

File: USPT

Aug 8, 2000

US-PAT-NO: 6100041

DOCUMENT-IDENTIFIER: US 6100041 A

TITLE: Human prohormone convertase 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 20. Document ID: US 6013503 A

L9: Entry 20 of 26

File: USPT

Jan 11, 2000

US-PAT-NO: 6013503

DOCUMENT-IDENTIFIER: US 6013503 A

TITLE: Human prohormone convertase 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

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Terms	Documents
(polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$)	26

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Terms	Documents
(polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) and (mica or bentonite or hectorite or vermiculite or phlogopite or montmorillonite)	14

Database:

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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L12

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Your wildcard search against 10000 terms has yielded the results below.

The next term would be: ;

TAG\$(TAGCCGTGGA).P66-P133,P134-P142,P61-P65,P57-P60,P35-P55,P56-P56.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search History

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Set Name Query

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Nam
result s t*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR*

L12 (polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) and (mica or bentonite or hectorite or vermiculite or phlogopite or montmorillonite) 14 L12

L11 (polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite) 0 L11

DB=DWPI; PLUR=YES; OP=OR

L10 (polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$) 0 L10

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L9 (polylysine or polyhistidine or his6 or PLL or polyarginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$) 26 L9

L8 (lysine or histidine or his6 or PLL or arginine) adj6 (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$) 72 L8

L7 (lysine or histidine or his6 or PLL or arginine) same (tag\$ or tail or flag\$) same (mica or bentonite or sepha\$) 221 L7

L6 (lysine or histidine or his6 or PLL or arginine) same (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$) 3 L6

L5 (polylysine or polyhistidine or his6) adj3 (tag\$ or tail or flag\$) same (mica or bentonite or laminat\$ adj2 silic\$) 0 L5

L4 (polylysine or polyhistidine or his6) adj3 (tag\$ or tail or flag\$) same (mica or bentonite or layer\$ adj2 silic\$) 0 L4

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L3 (polylysine or polyhistidine or his6) adj3 (tag\$ or
tail\$) same (mica or bentonite or layer\$ adj2 silic\$) 0 L3

L2 (polylysine or polyhistidine or his) adj3 (tag\$ or tail\$)
and (mica or bentonite or layer\$ adj2 silic\$) 75 L2

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L1 (polylysine or polyhistidine or his) adj3 (tag\$ or tail\$)
same (mica or bentonite or layer\$ adj2 silic\$) 0 L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ **1. Document ID: US 20020128430 A1**

L2: Entry 1 of 6

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128430

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128430 A1

TITLE: Process for recovering fluoropolymers

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kumai, Seisaku	Kanagawa		JP	
Fukatsu, Yutaka	Kanagawa		JP	
Mihara, Harumi	Kanagawa		JP	
Tokura, Ryota	Kanagawa		JP	

US-CL-CURRENT: [528/480](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ **2. Document ID: US 6515102 B2**

L2: Entry 2 of 6

File: USPT

Feb 4, 2003

US-PAT-NO: 6515102

DOCUMENT-IDENTIFIER: US 6515102 B2

TITLE: Process for recovering fluoropolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 3. Document ID: US 6068853 A

L2: Entry 3 of 6

File: USPT

May 30, 2000

US-PAT-NO: 6068853

DOCUMENT-IDENTIFIER: US 6068853 A

**** See image for Certificate of Correction ****

TITLE: Temporally controlled drug delivery systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 4. Document ID: US 4729819 A

L2: Entry 4 of 6

File: USPT

Mar 8, 1988

US-PAT-NO: 4729819

DOCUMENT-IDENTIFIER: US 4729819 A

TITLE: Method for restoring the current efficiency

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 5. Document ID: JP 56152741 A

L2: Entry 5 of 6

File: JPAB

Nov 26, 1981

PUB-NO: JP356152741A

DOCUMENT-IDENTIFIER: JP 56152741 A

TITLE: OXIDATION CATALYST AND ITS PRODUCTION

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 6. Document ID: JP 60122043 A

L2: Entry 6 of 6

File: DWPI

Jun 29, 1985

DERWENT-ACC-NO: 1985-194219

DERWENT-WEEK: 198532

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TITLE: Appts. for treating waste liq. from ion exchanger regeneration - laminating poly-silicon lower layer and conductive film and upper layer insulation film and upper layer conductive film NoAbstract Dwg 3/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
L1 same ion adj2 exchange	6

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Terms	Documents
L1 same ion adj2 exchange	6

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Query

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result set

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<u>L6</u>	L1 same ion adj2 exchange	6	<u>L6</u>
<u>L5</u>	L2 and lysine	0	<u>L5</u>
<u>L4</u>	L2 and histidine	0	<u>L4</u>
<u>L3</u>	L2 and arginine	0	<u>L3</u>
<u>L2</u>	L1 same ion adj2 exchange	6	<u>L2</u>
<u>L1</u>	laminat\$ adj5 silic\$	10466	<u>L1</u>

END OF SEARCH HISTORY